

FIG. 1

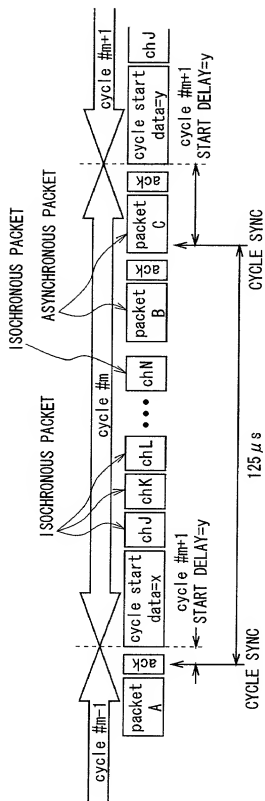


FIG. 2

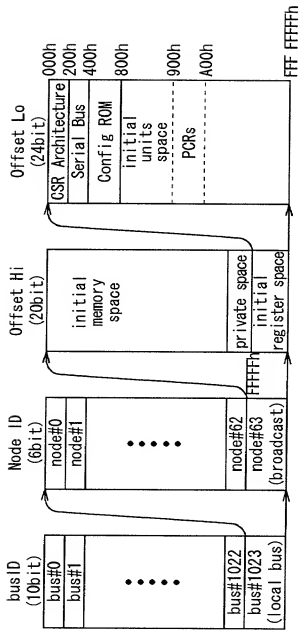


FIG. 3

OFFSET	NAME	OPERATION
000h	STATE_CLEAR	CONDITION AND CONTROL INFORMATION
004h	STATE_SET	SET STATE-CLEAR BIT
008h	NODE_IDS	SHOW 16-BIT NODE ID
00ch	RESET_START	START COMMAND RESET
018h-01Ch	SPLIT_TIMEOUT	MEASURE THE MAXIMUM TIME OF SPLIT
200h	CYCLE_TIME	CYCLE TIME
210h	BUSY_TIMEOUT	DEFINE RETRY CONTROL
21Ch	BUS_MANAGER	SHOW ID OF BUS MANAGER
220h	BANDWIDTH_AVAILABLE	SHOW BANDWIDTH AVAILABLE TO ISCHRONOUS COMMUNICATIONS
224h-228h	CHANNELS_AVAILABLE	SHOW USAGE CONDITION OF EACH CHANNELPAGE

FIG. 4

info length	info_length	crc_length	rom_crc_value
		bus_info_block	
		root_directory	
		unit_directories	
		root & unit leaves	
		vendor_dependent_information	

FIG. 5

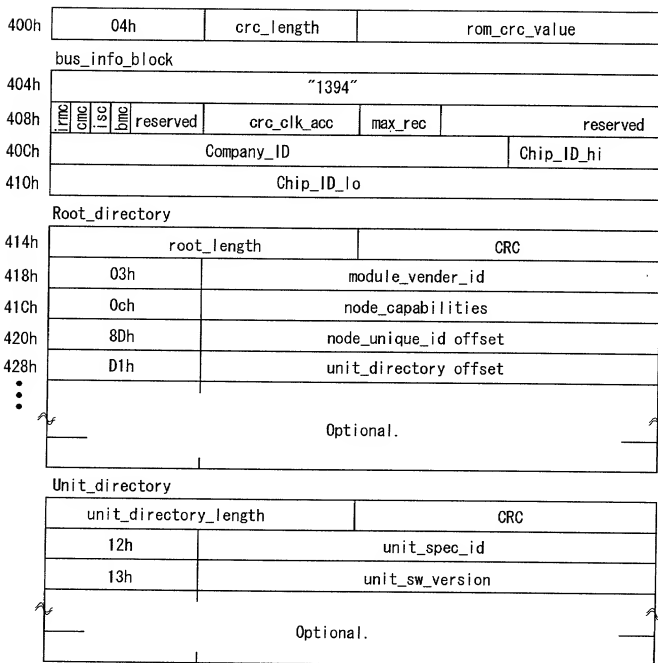


FIG. 6

900h	Output Master Plug Register
904h	Output Plug Control Register #0
908h	Output Plug Control Register #1
⋮	⋮
97Ch	Output Plug Control Register #30
980h	Input Master Plug Register
984h	Input Plug Control Register #0
988h	Input Plug Control Register #1
⋮	⋮
9FCh	Input Plug Control Register #30

FIG. 7

oMPR

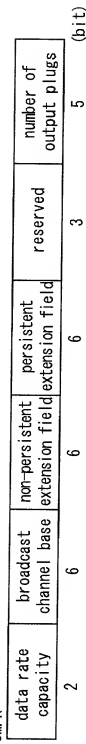


FIG. 8A

oPCR [n]

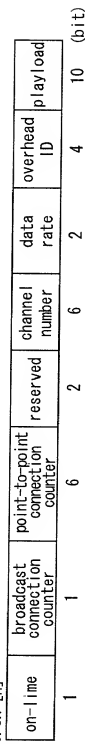


FIG. 8B

iMPR

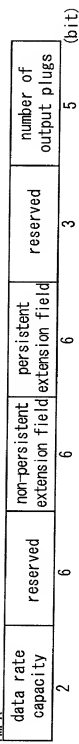


FIG. 8C

iPCR [n]

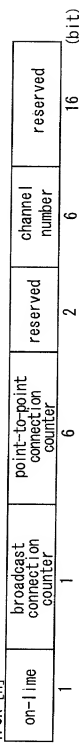


FIG. 8D

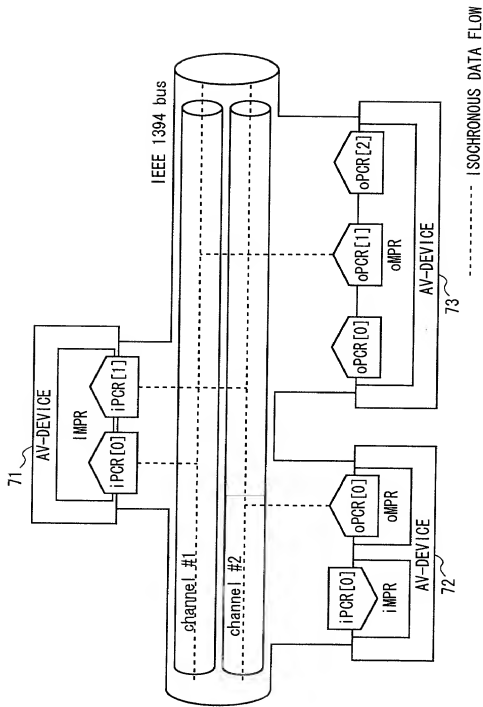


FIG. 9

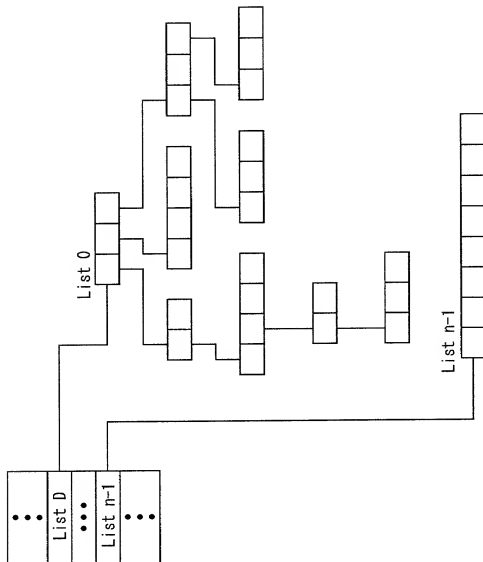


FIG. 10

The General	Subunit Identifier	Descriptor
address		contents
00 0016		descriptor_length
00 0116		
00 0216		generation_ID
00 0316		size_of_list_ID
00 0416		size_of_object_ID
00 0516		size_of_object_position
00 0616		number_of_root_object_lists(n)
00 0716		
00 0816		root_object_list_id_0
⋮		⋮
⋮		⋮
⋮		⋮
⋮		root_object_list_id_n-1
⋮		⋮
⋮		subunit_dependent_length
⋮		⋮
⋮		subunit_dependent_information
⋮		⋮
⋮		manufacturer_dependent_length
⋮		⋮
⋮		manufacturer_dependent_information
⋮		⋮

FIG. 11

generation_ID values	
generation_ID	meaning
00 ₁₆	Data structures and command sets as specified in the AV/C General Specification, version 3.0
all others	reserved for future specification

FIG. 12

List ID Value Assignment Ranges	
range of values	list definition
0000 ₁₆ -0FFF ₁₆	reserved
1000 ₁₆ -3FFF ₁₆	subunit-type dependent
4000 ₁₆ -FFFF ₁₆	reserved
1 0000 ₁₆ -max list ID value	subunit-type dependent

FIG. 13

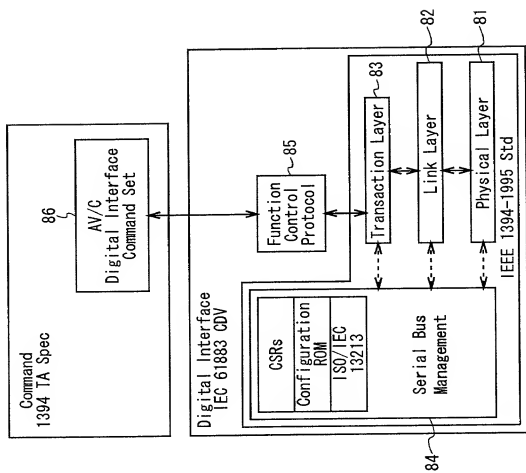


FIG. 14

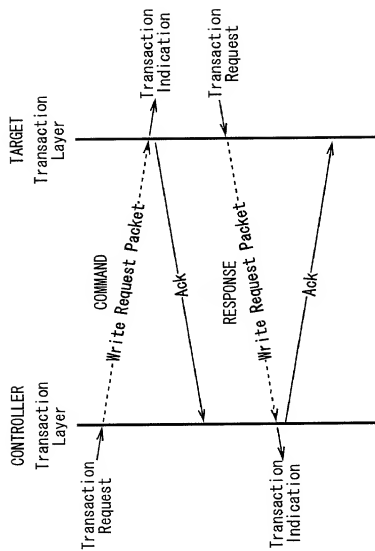


FIG.15

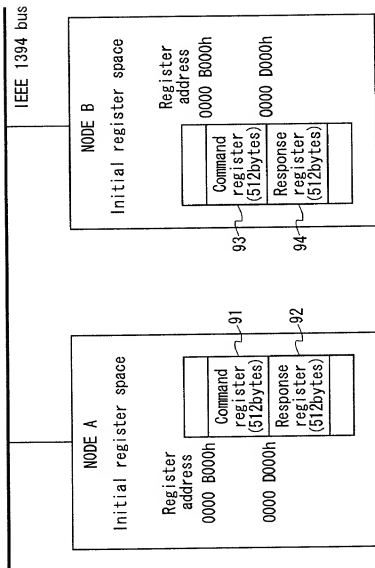


FIG. 16

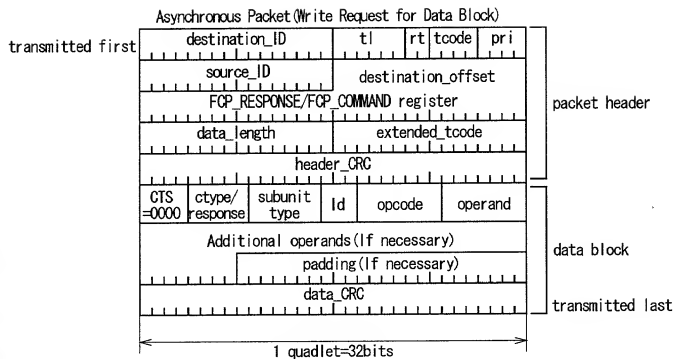


FIG. 17

ctype/response	
0000 CONTROL	
0001 STATUS	
0010 SPECIFIC INQUIRY	
0011 NOTIFY	
0100 GENERAL INQUIRY	
0101	
?	(reserved for future specification)
0111	
1000 NOT IMPLEMENTED	
1001 ACCEPTED	
1010 REJECTED	
1011 IN TRANSITION	
1100 IMPLEMENTED/STABLE	
1101 CHANGED	
1110 (reserved for future specification)	
1111 INTERIM	

FIG. 18A

subunit_type		opcode: Operation Code
00010	Video monitor (reserved)	00h VENDOR-DEPENDENT
?		50h SEARCH MODE
00011	Disc recorder/Player	51h TIMECODE
00100	Tape recorder/Player	52h ATN
00101	Tuner	60h OPEN MIC
00111	Video Camera (reserved)	61h READ MIC
?		62h WRITE MIC
11100	Vendor unique	C1h LOAD MEDIUM
11101	reserved	C2h RECORD
11110	Subunit type extended to next byte	C3h PLAY
11111	Unit	C4h WIND
		?

FIG. 18B

FIG. 18C

AV/C	control	tape recorder /player	id= ID0	PLAY	FORWARD
CTS= 0000	ctypes= 0000	subunit type= 00100	id= 000	opcode= C3h	operand= 75h

FIG. 19A

AV/C	accepted	tape recorder /player	id= ID0	PLAY	FORWARD
CTS= 0000	response =1001	subunit type= 00100	id= 000	opcode= C3h	operand= 75h

FIG. 19B

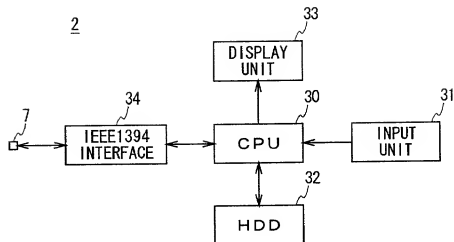


FIG. 20

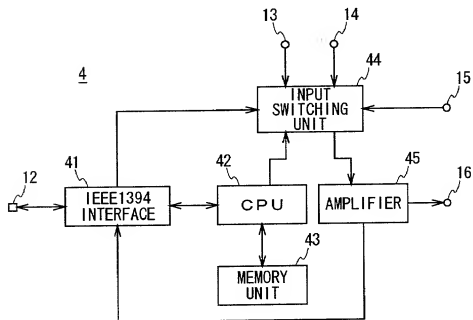


FIG. 21

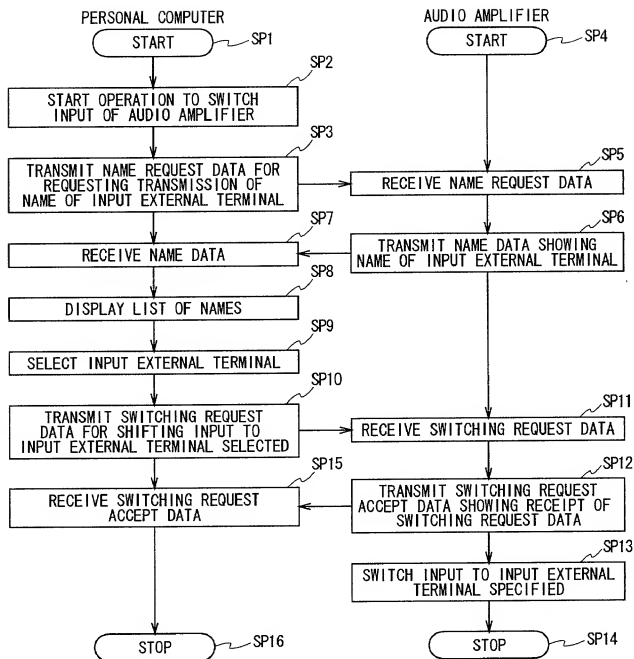


FIG. 22

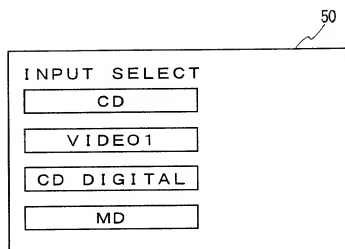


FIG. 23

FIG. 24A

INPUT SELECT	CD
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FIG. 24B

INPUT SELECT	VIDEO1
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FIG. 24C

INPUT SELECT	CD DIGITAL
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